

## ABSTRACT OF THE DISCLOSURE

Communication is controlled in a network composed so as to exchange data mutually between a plurality of communication apparatuses to thereby avoid problems that occur when requests from a plurality of apparatuses to a specific apparatus are presented simultaneously in a network such as the IEEE1394 system. A first command is sent from a first communication apparatus to a second communication apparatus in the network. By instructing the second communication apparatus to notify to the first communication apparatus that there is a specified state change to be executed by the second communication apparatus, when the specified state change is generated in the second communication apparatus, it is set to notify the state change to the first communication apparatus, and when the state change is notified from the second communication apparatus to the first communication apparatus according to the setting, it is notified to each communication apparatus in the network that the second communication apparatus is ready to accept the first command newly by broadcast communication. Moreover, when instructing the second communication apparatus to notify the first communication apparatus that there is a first state change to be executed by the control of the second communication apparatus, if the second communication apparatus is waiting for notifying a second state change to another communication apparatus, the second communication apparatus reserves to notify

the first state change, and after notifying by occurrence of the second state change, the reserved first state change is monitored, and when the first state change is generated, the state change is notified to the first communication apparatus.

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